Patent Claims

1. Stator for an eccentric screw pump or an eccentric worm motor having a stator, and including an outer tube that is provided with a lining of rubber or a rubber-like material and has a hollow space or cavity, in the shape of a double or multiple spiral, for accommodating a rigid rotor that is also in the form of a spiral, whereby the spiral of the stator respectively has one spiral more than does the rotor, characterized in that an inner tube that is provided with apertures is disposed in the lining.

2. Stator according to claim 1, characterized in that spacing strips are disposed between the inner tube and the outer tube.

3. Stator according to claim 2, characterized in that the spacing strip or strips is or are disposed essentially parallel to the longitudinal axis of the stator.

4. Stator according to claim 2, characterized in that one or more spacing strips is or are helically disposed about the periphery of the inner tube and extend in the direction of its longitudinal axis.

5. Stator according to claim 2, characterized in that the spacing strips essentially extend in the circumferential direction of the stator and surround the inner tube in an annular manner.

6. Stator according to claim 2, characterized in that the spacing strips are made of polymeric material, elastomeric material and/or metal.

7. Stator according to claim 1, characterized in that the inner tube has a wavy configuration.

8. Stator according to claim 1, characterized in that the inner tube is welded to the outer tube at its end faces.

9. Stator according to claim 1, characterized in that the outer tube and the inner tube are interconnected via point-type weldings, whereby the weldings are introduced into bores that extend through the outer tube.

10. Stator according to claim 1, characterized in that the outer tube is provided with apertures.

11. Stator according to claim 1, characterized in that the inner tube has outwardly directed elevations.